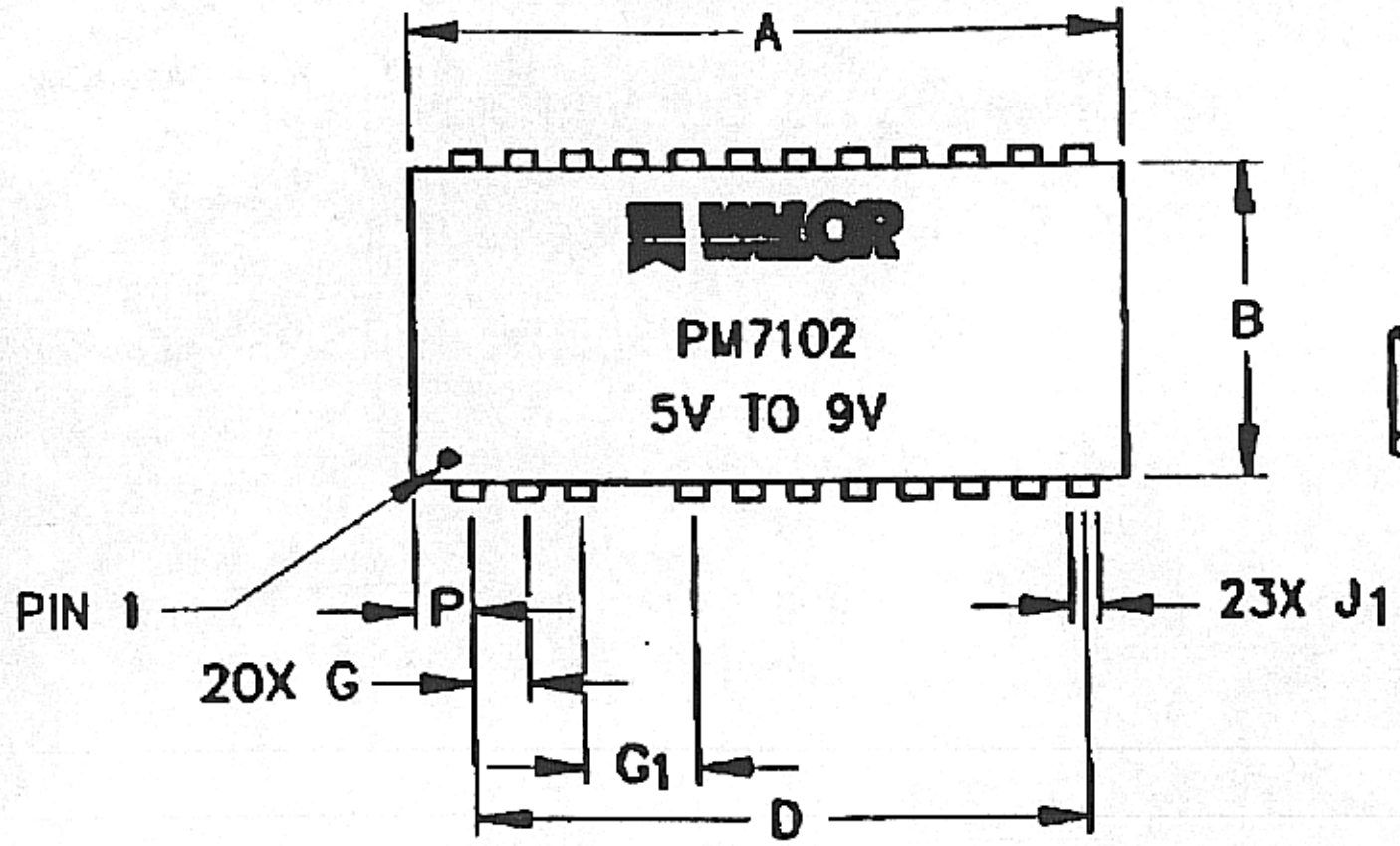
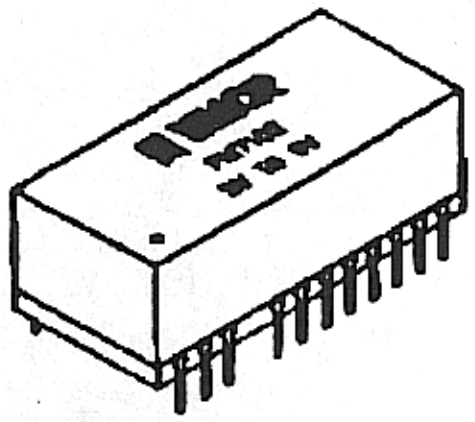
(Pg 1 of 3)

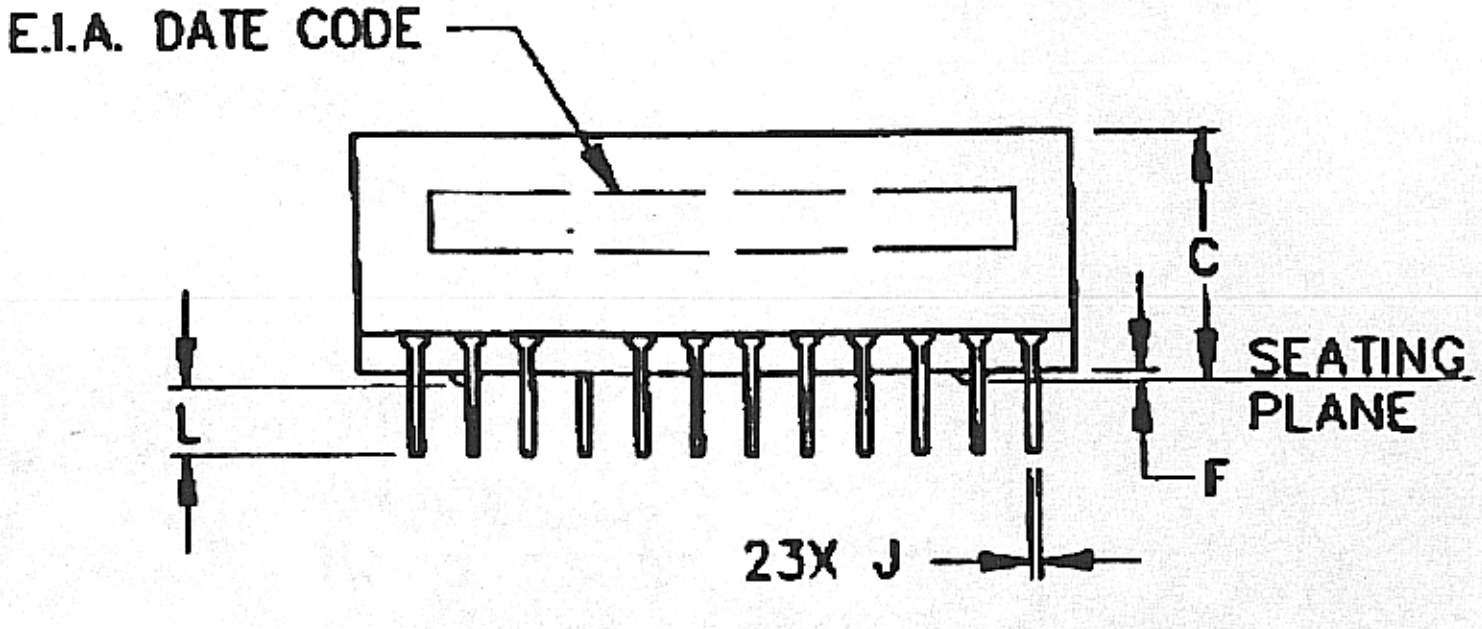
P/N 123895

DWG NO	SHT	REV
PM7102	3	Z





DIM	INCHES MIN	INCHES MAX	MILLIMETERS MIN	MILLIMETERS MAX
A	–	1.280	–	32.51
B	–	.580	–	14.73
C	–	.475	–	12.06
D	1.095	1.105	27.81	28.07
E	.595	.605	15.11	15.37
F	.015	.025	.38	.64
G	.095	.105	2.41	2.67
G1	.195	.205	4.95	5.21
H	.602	.618	15.29	15.70
J	.016	.020	.41	.51
J1	.045	.055	1.14	1.40
K	.007	.013	.18	.33
L	.125	–	3.18	–
P	.085	.095	2.16	2.41



3. DIMENSIONS ARE EXCLUSIVE OF SOLDER.

(2) LEAD: SOLDERABILITY PER MIL-STD-202, METHOD 208.

(1) CASE: BLACK PLASTIC SELF-EXTINGUISHING PER UL94V-0.

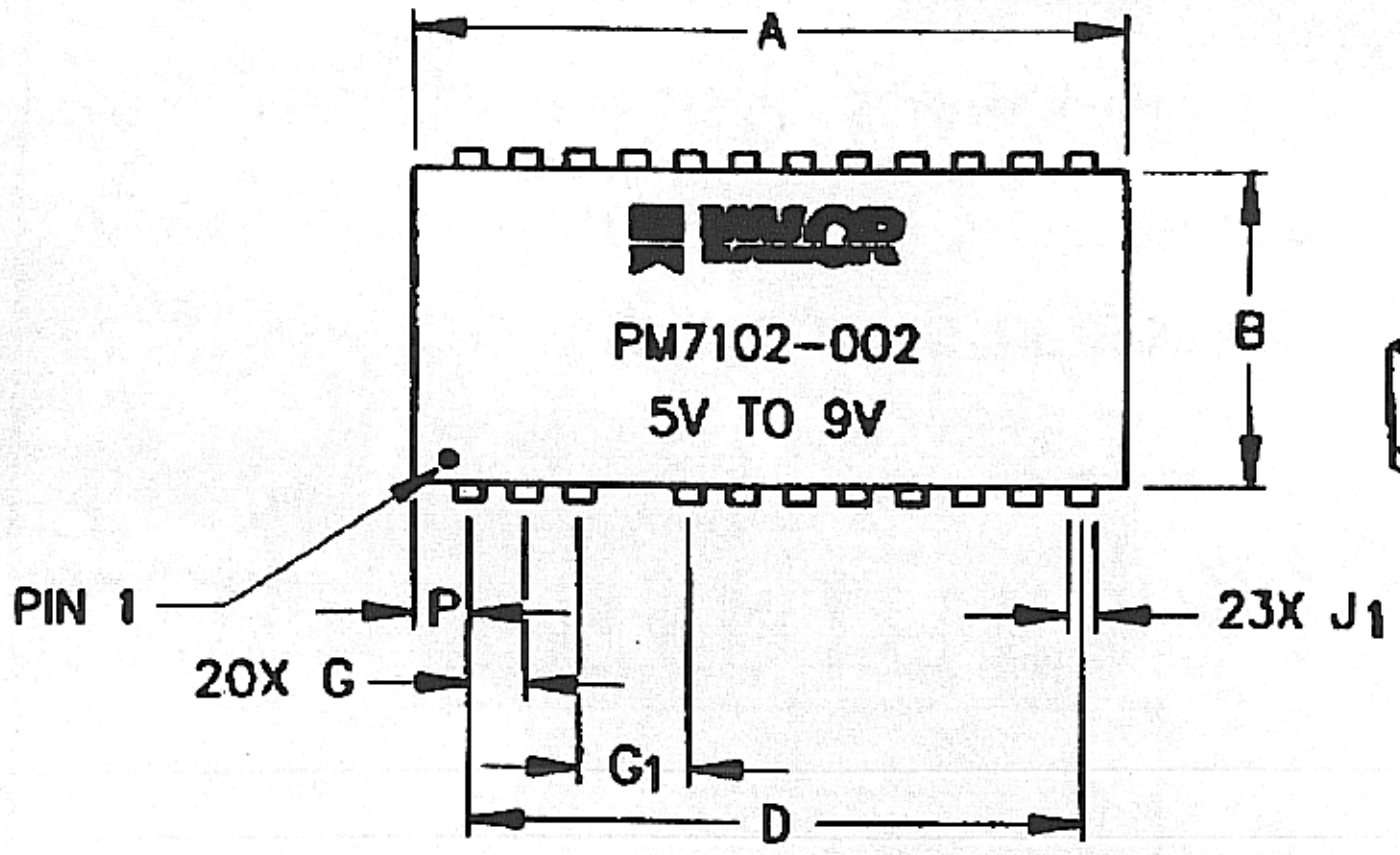
NOTES: UNLESS OTHERWISE SPECIFIED

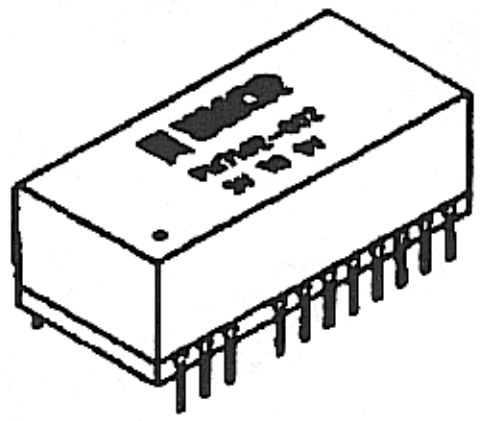
SIZE	CODE IDENT NO.	DRAWING NO.	PKG TYPE	REV
A	15003	PM7102	N17	Z
TITLE: MECHANICAL OUTLINE				
SCALE 2/1			SHT 3 OF 9	

(Pg 2 of 3)

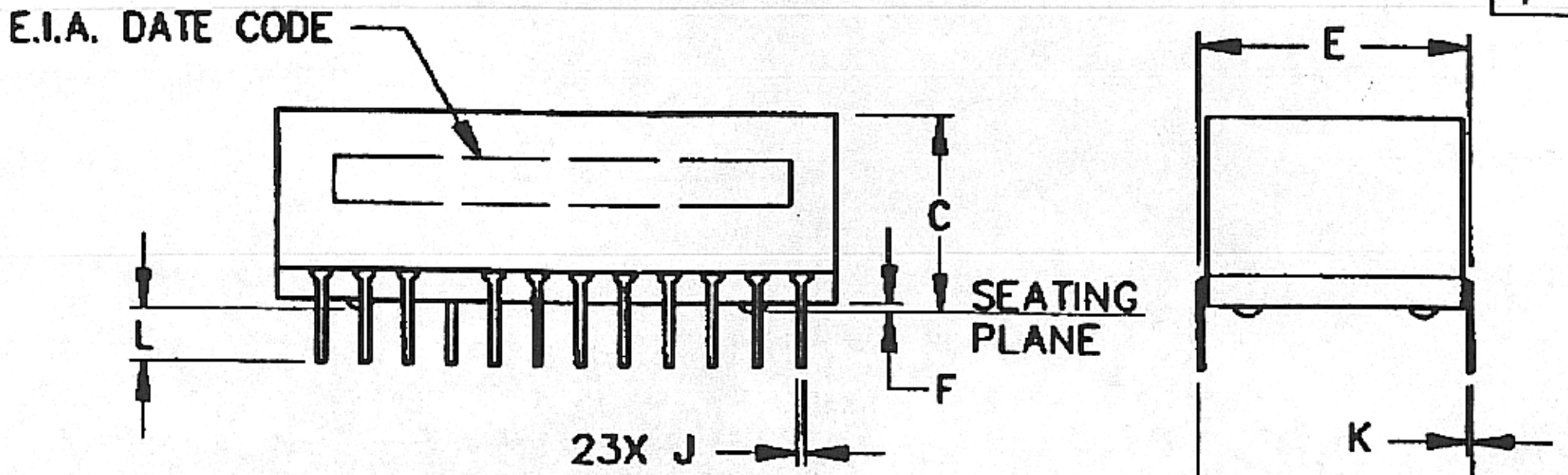
P/N 123845

DWG NO	SHT	REV
PM7102	4	Z





DIM	INCHES MIN	INCHES MAX	MILLIMETERS MIN	MILLIMETERS MAX
A	–	1.280	–	32.51
B	–	.580	–	14.73
C	–	.475	–	12.06
D	1.095	1.105	27.81	28.07
E	.595	.605	15.11	15.37
F	.015	.025	.38	.64
G	.095	.105	2.41	2.67
G_1	.195	.205	4.95	5.21
H	.602	.618	15.29	15.70
J	.016	.020	.41	.51
J_1	.045	.055	1.14	1.40
K	.007	.013	.18	.33
L	.106	.114	2.69	2.90
P	.085	.095	2.16	2.41



3. DIMENSIONS ARE EXCLUSIVE OF SOLDER.

2 LEAD: SOLDERABILITY PER MIL-STD-202, METHOD 208.

1 CASE: BLACK PLASTIC SELF-EXTINGUISHING PER UL94V-0.

NOTES: UNLESS OTHERWISE SPECIFIED

SIZE	CODE IDENT NO.	DRAWING NO.	PKG TYPE	REV
A	15003	PM7102	–	Z
	TITLE: MECHANICAL OUTLINE -002			
SCALE 2/1			SHT 4 OF 9	

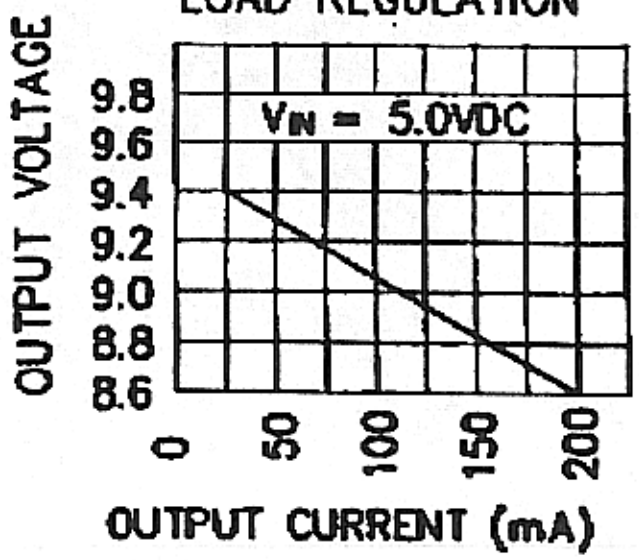
(1

P/N 123895

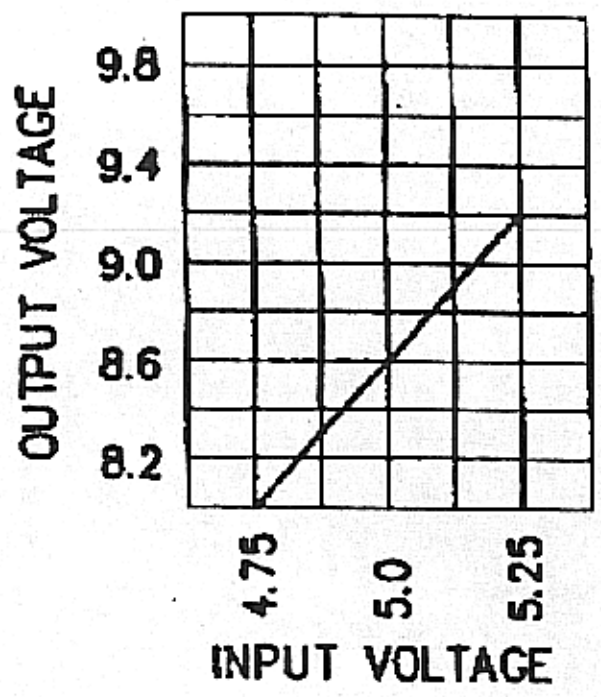
DWG NO	SHT	REV
PM7102	5	Z

TYPICAL PERFORMANCE DATA
@25° C

LOAD REGULATION



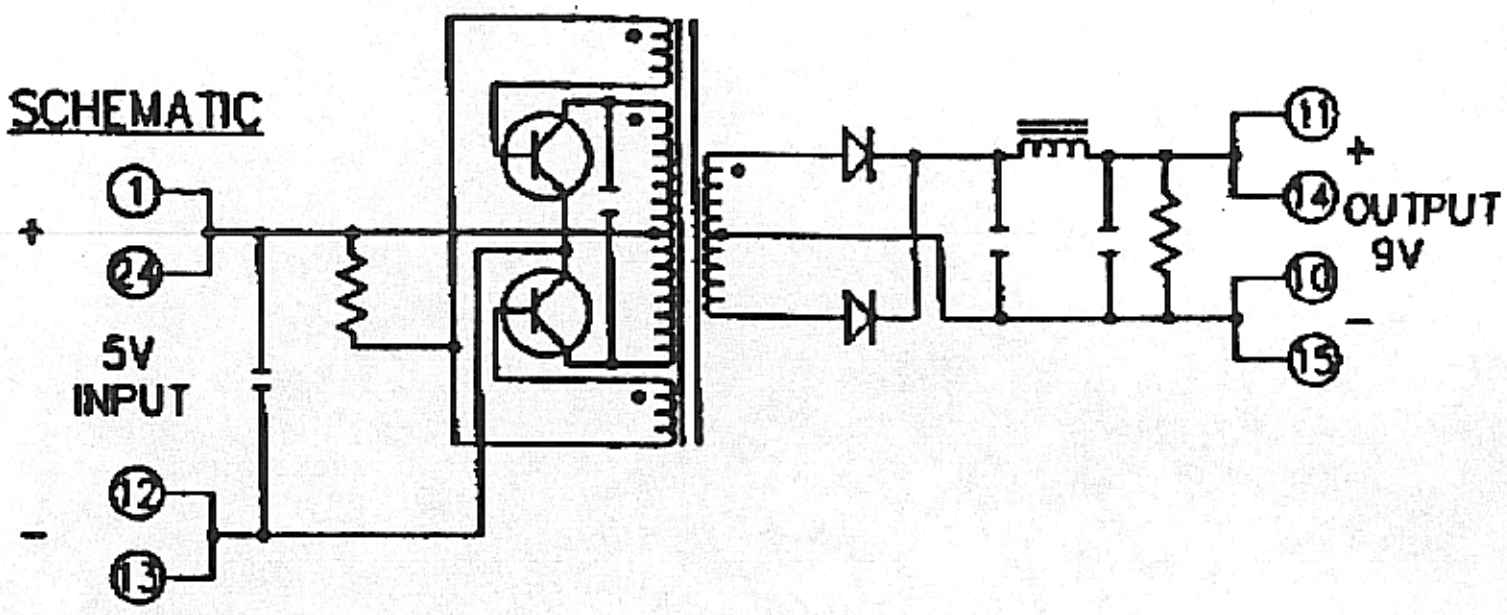
LINE REGULATION
I LOAD = 200mA



ELECTRICAL SPECIFICATIONS @ 25°C

INPUT VOLTAGE	: 5VDC ±10%
INPUT CURRENT	: ABSOLUTE MAX 580mA
OUTPUT VOLTAGE	: 9 VDC
OUTPUT VOLTAGE TOLERANCE	: ±5% 5V IN AND 200mA LOAD
OUTPUT CURRENT	: 200mA MAX
OUTPUT RIPPLE (100MHz BW)	: 100mV p-p MAX
SHORT CIRCUIT PROTECTION	: MOMENTARY
OPERATING TEMP. RANGE	: 0° / 70°C
STORAGE TEMP. RANGE	: -55° / 125°C
HI POT	: 500VRMS
EFFICIENCY	: GREATER THAN 65% AT 5V IN AND 200mA LOAD.

SCHEMATIC



SIZE A	CODE IDENT NO. 15003	DRAWING NO. PM7102	PKG TYPE	REV
	TITLE: BLOCK DIAGRAM			
SCALE NONE			SHT 5 OF 9	